

Technical Data Sheet

Product Name	
Full Product Name	HS-PRO Clear (3:1)
Type of Product	2K Acrylic Urethane Clearcoat
Description	<p>Concept HS-PRO Clear (3:1) is a specifically designed to provide a high performance high solid clear over Concept's basecoat systems. It is characterised by superior flow, producing a very high gloss finish, with exceptional chemical resistance and hardness.</p> <p>HS-PRO Clear has been developed from European technology and is suitable for all conditions and climates.</p>

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
HS-PRO Clear (3:1)	40.5	46.6	0.980	8.26	554.4	4.23
HS-PRO Hardener	52.0	58.8	1.026	8.56	423.4	3.53
HS-PRO Hardener Fast	50.7	57.4	1.026	8.56	436.3	3.64

Properties
<ul style="list-style-type: none"> High performance, chemical resistance and durability
<ul style="list-style-type: none"> Excellent levelling and flow

Substrates
<ul style="list-style-type: none"> Concept No Mix Basecoat System colours
<ul style="list-style-type: none"> Concept Unicolour 900 2K Basecoat System colours
<ul style="list-style-type: none"> Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels

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Substrate Preparation



All Substrates


All surfaces must be cleaned with and free from any contamination prior to application.

Product Preparation



	Mixing Ratio 3:1 (by volume)			Concept HS-PRO Clear (3:1)	Concept HS-PRO Hardener
				3 parts	1 part
	Reducer	Not required.			
	Pot life @ 25°C (77°F)	6-8 hours			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	15-17 s 15-16 s		
Spray equipment 	Gun type	Fluid tip	Spray pressure	Spray Distance	
	Gravity feed	1.2-1.5 mm 0.047-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch	
	Suction feed	1.2-1.5 mm 0.047-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch	
	HVLP	1.3-1.4 mm 0.051-0.055"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch	
	Number of coats	1.5-2	Apply one and a half or two coats. Avoid heavy wet coats.		
	DFT Recommended	50-60 µm 2.0-2.8 mils			
	Flash off time @ 25°C (77°F)	For one and a half coats – None required For two coats - 5-10 min between coats			

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	Drying	Air Dry @ 25°C (77°F)	12-16 hours
		Low Bake @ 50°C (122°F)	30-40 min
<p>This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.</p>			

Remarks

	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints 035 Gunwash.

Dry Film Properties

	After 7 days drying, <u>when compared to similar technology products.</u>
Gloss	Very high
Durability	Very high
Hardness	Excellent
Chemical resistance	Excellent

Product Data

Colour	Water white
Theoretical Coverage	Approx. 8 m ² /L (325 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Product Packaging

Product Code	Product Name	Package Size
AU74390000004N	HS-PRO Clear Kit	4L (Kit)
AU74390000008N	HS-PRO Clear Kit	8L (Kit)
AU74390000003	HS-PRO Clear	3L
AU74392000001	HS-PRO Hardener	1L
AU74393000001	HS-PRO Hardener Fast	1L

Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

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This Technical Data Sheet supersedes all previous issues.

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